BRAIN:

A JOURNAL OF NEUROLOGY.

EDITED BY

J. C. BUCKNILL, M.D., F.R.S.,

J. CRICHTON-BROWNE, M.D., LL.D.,

D. FERRIER, M.D., F.R.S., AND

J. HUGHLINGS-JACKSON, M.D., F.R.S

VOL. V.

APRIL 1882 TO JANUARY 1883

London:

MACMILLAN AND CO.

1883.

LONDON:
PRINTED BY WILLIAM CLOWES AND SONS, LIMITED,
STAMFORD STREET AND CHARING CROSS.

CONTENTS.

ORIGINAL ARTICLES:—

	PAGE
Nervous System of the Echinodermata. By George J. Romanes, F.R.S.	1
On Ophthalmoplegia Externa, in conjunction with Tabes Dorsalis. By Thomas Buzzard, M.D., F.R.C.P.	34
On Knee-jerk, &c., in Epilepsy. By Charles E. Beevor, M.D.	56
The Brain of a Criminal Lunatic. By D. Ferrier, M.D., F.R.S.	62
Methods of Preparing, Demonstrating, and Examining Cerebral Structure in Health and Disease. By Bevan Lewis, L.R.C.P.	74
Labio-Glosso-Pharyngeal Paralysis of Cerebral Origin. By James Ross, M.D., F.R.C.P.	145
The Treatment of Epilepsy by Ligature of the Vertebral Arteries. By William Alexander, M.D., F.R.C.S.	170
The Nervous Symptoms of Myxœdema. By W. B. Hadden, M.D., M.R.C.P.	188
Typhoid Fever in Relation to Disease of the Optic Disc. By Robert P. Oglesby, M.R.C.S.	197
Practical Observations on Electro-diagnosis in Paralysis. By A. Hughes Bennett, M.D.	204
The Plea of Insanity in the Case of Charles Julius Guiteau. By John Charles Bucknill, M.D., F.R.S.	222
Folie à Double Forme (Alternating Insanity). By Dr. Achille Foville	289
Further Observations on Chronic Morphinism. By H. Obersteiner, M.D.	324
On the Conditions of the Nervous Discharge. By Charles Mercier, M.B. (Lond.)	332
On the Spasmodic Paralyses of Infancy. By James Ross, M.D., F.R.C.P.	344, 473
Localised Convulsions from Tumour of the Brain. By J. Hughlings-Jackson, M.D., F.R.S.	364
Suggestions as to the Ætiology of the so-called System-Diseases of the Spinal Cord. By H. Donkin, M.B., F.R.C.P.	433
Deafness in Hysterical Hemianæsthesia. By G. L. Walton, M.D.	458

b 2

112251

PAGE

The Phenomena of Angina Pectoris, and their bearing on the Theory of Counter-Irritation. By W. Allen Sturge, M.D. 492
Some Statistics of Chorea. By Angel Money, M.D. 511
Hemiplegic Muscular Atrophy of Peripheral Origin. By David Ferrier, M.D., F.R.S. 521

CRITICAL DIGESTS AND NOTICES OF BOOKS:—

Ribot, "L'Hérédité Psychologique"—Darwin on Earth-Worms. By J. C. Bucknill, M.D., F.R.S. 89
Stricker, "Das Bewusstsein, die Sprachvorstellungen, und die Bewegungsvorstellungen. By James Ross, M.D. 99
Panizza on the Physiology of the Nervous System. By A. Rabagliati, M.D. 105
Wilder on the Brain of the Cat. By Allen Thomson, F.R.S. . . 109
Seeligmueller, "Lehrbuch der Krankheiten der Peripheren Nerven und des Sympaticus." By R. H. Pierson, M.D. 111
Rosenthal and Richet on General Physiology of Muscles and Nerves—M. Rosenthal on Diseases of the Nervous System—Gowers on Epilepsy; on Diseases of the Spinal Cord—Sturges on Chorea—Marvaud, "Le Sommeil et l'Insomnie"—Pierson and Onimus on Electrotherapie, &c. By A. de Watteville 112
Bramwell on Diseases of the Spinal Cord. By James Ross . . 237
Mosso and Pellacani, "Sur les fonctions de la Vessie"—Erb, "Handbuch der Elektrotherapie"—Löwenfeld, "Experimentelle und Kritische Untersuchungen zur Elektrotherapie des Gehirns." By A. de Watteville 239
Sergi, "Teoria fisiologica della Percezione." By A. Rabagliati . . 249
Luys on the Brain and its Functions. By John Charles Bucknill, M.D., F.R.S. 375
Buzzard on Diseases of the Nervous System. By J. Hughlings-Jackson, M.D., F.R.S. 382
Voisin, "Leçons Cliniques sur des Maladies Mentales et sur les Maladies Nerveuses." By John Charles Bucknill, M.D., F.R.S. . . 529
Legrand du Saulle, "Les Hystériques; Etat Physique et Etat Mental." By A. Hughes Bennett, M.D. 540
Adriani, "La Pellagra nella Provencia dell' Umbria." By W. W. Ireland, M.D. 545

CLINICAL CASES:—

A Further Contribution on the Course of the Optic Nerve Fibres in the Brain. By J. Dreschfeld, M.D., F.R.C.P. 118
Glioma of the Right Optic Thalamus and Corpora Quadrigemina. By David Ferrier, M.D., F.R.S., &c. 123
Case of Glioma of the Right Hemisphere. By J. E. Shaw, M.B. (*With a Note by* Dr. Ferrier *on the Condition of the Brain*) . . . 251

PAGE

Melancholia with Left Hemiplegia, and Defective Vision of Left Eye, &c. By James Shaw, M.D. 257

Case of Symmetrical Syphilitic Disease of the Third Nerves, &c. By J. A. Ormerod, M.B., M.R.C.P. 260

Two Cases of Pseudo-Hypertrophic Muscular Paralysis. By Henry F. A. Goodridge, M.D., F.R.C.P. 268

Case of Allochiria. By David Ferrier, M.D., F.R.S. 389

Case of Hystero-Epilepsy. By W. H. Dobie, M.B. 394

Case of Spasmodic Rhythmical Contractions of Diaphragm, Recti, and other Muscles—Recovery. By R. Shingleton Smith, M.D., M.R.C.P. 400

Case of Glosso-labial Paralysis, with Progressive Muscular Atrophy and Lateral Sclerosis. By Charles E. Beevor, M.D. (Lond.), M.R.C.P. 403

Case of Multiple Cerebral Tumour. Reported by David A. King . 412

Notes on a Case of Cerebral Tumour. By A. Hughes Bennett, M.D. . 550

Left Hemiplegia and Left-sided Deafness from Wound of the Brain. By H. Donkin, M.B. 554

Compound Fracture of Skull and Abscess of Frontal Lobes. By J. M'Carthy, F.R.C.S. 559

Hysterical Mania—Atheroma of Left Internal Carotid and Cerebral Softening. By W. B. Kesteven, M.D. 562

ABSTRACTS OF BRITISH AND FOREIGN JOURNALS:—

Schultze on Recovery from Tabes—Wolff on a Case of Tabes—Schulz and Schultze on Acute Ascending Paralysis—Senator on Bulbar Paralysis—Bernhardt on Athetosis—Binswanger on Secondary Degenerations after Lesions of the Cortical Motor Centres. By W. J. Dodds, D.Sc. 128

Rumpf on Locomotor Ataxia—Eulenburg on Tendon Reflex—Friedreich on Paramyoclonus Multiplex—Lannois on Paralysis of the Brachial Plexus—Charcot on the Galvanisation of the Brain of Hypnotised Hysterical Patients—Müller and Ebner on Nerve Stretching—Gowers on a Case of Loss of Taste from Disease of the Fifth Nerve—Erb on the Course of the Gustatory Fibres of the Chorda Tympani to the Brain. By A. de Watteville 135

N. Bubnoff and R. Heidenhain on Phenomena of Excitation and Inhibition in the Cerebral Motor Centres—Loven on the Tone of Muscles (with Original Note). By A. Waller 138

Monakow on Excision of the Cortex Cerebri in New-born Rabbits—Strümpell on the Pathological Anatomy of Tabes Dorsalis—Westphal on Disease of the Posterior Columns of the Cord in General Paralysis—Westphal on the Localisation of Hemianopsia and the Muscular Sense in Man—Bernhardt on Sensory Symptoms and Hemianopsia in Cerebral Lesions. By W. J. Dodds, M.D., D.Sc. . 272

Homen on Secondary Degeneration of the Medulla Oblongata and Spinal Cord—Davida on Perobrachia. By W. B. Kesteven, M.D. . . 283

PAGE

Westphal on the Knee-phenomenon. By A. de Watteville . . 286

Cerebral Localisation. By D. Ferrier 288

Report on Visceral Neurology. By J. Mitchell Bruce, M.D. . . 418

Schwalbe on the Relations of the Calibre of Nerve Fibres—Laura on the Structure of the Spinal Cord—Edinger on a Case of Congenital Absence of a Forearm—Schultze on Fissures, Cavities, and Gliomata in the Spinal Cord and the Medulla Oblongata. By W. B. Kesteven, M.D. 425

Facial Monospasm—Blindness and Deafness with Bilateral Cerebral Lesion—Blindness and Localised Cerebral Atrophy—Cerebral Tumour and Unilateral Deafness—Word-Deafness and Blindness—Luys on a Case of Deafness—Wernicke and Hahn on Regional Diagnosis and Trephining. By David Ferrier 429

Stenger on Affections of Sight in General Paralysis—Zacher on some Peculiar Forms of General Paralysis—Ganser on the Optic Nerve—Meyer on Degeneration of the Fillet—Tuczek on Spinal Lesions in Ergotism. By W. J. Dodds, M.D., D.Sc. 565

Lemoine and Lannois on Spinal Perimeningitis—Pekelharing on Pseudo-Muscular Hypertrophy—Otto on Sarcoma of the Orbital Surface of Brain. By W. B. Kesteven, M.D. 569

Sciamanna on Excitation of the Human Brain—Bechterew on the Functional Relation of the Olivary Body to the Cerebellum—Monakow on the external Acoustic Nucleus and Restiform Body—Lepine on Trismus of Cerebral Origin—Eisenlohr on Circumscribed Anterior Poliomyelitis—Vierordt on Atrophic Paralysis of the Upper Extremity. By A. de Watteville, M.A., M.D. 572

LIST OF CONTRIBUTORS.

ALEXANDER, WILLIAM, M.D. F.R.C.S.
BEEVOR, CHARLES E., M.D.
BENNETT, A. HUGHES, M.D.
BRUCE, J. MITCHELL, M.D.
BUCKNILL, J. C., M.D., F.R.S.
BUZZARD, THOMAS, M.D., F.R.C.P.
DOBIE, W. H., M.B.
DODDS, W. J., M.D., D.Sc.
DONKIN, H., M.B., F.R.C.P.
DRESCHFELD, J., M.D., F.R.C.P.
FERRIER, DAVID, M.D., F.R.S.
FOVILLE, ACHILLE, M.D.
GOODRIDGE, H. F. A., M.D., F.R.C.P.
HADDEN, W. B., M.D., M.R.C.P.
HUGHLINGS-JACKSON, J., M.D., F.R.S.
IRELAND, W. W., M.D.
KING, DAVID A., M.B.
KESTEVEN, W. B., M.D.
LEWIS, BEVAN, L.R.C.P.
M'CARTHY, J., F.R.C.S.
MERCIER, CHARLES, M.B.
MONEY, ANGEL, M.D.
OGLESBY, R. P., M.R.C.S.
ORMEROD, J. A., M.B.
PIERSON, R. H., M.D.
RABAGLIATI, A., M.D.
ROMANES, G. J., F.R.S.
ROSS, JAMES, M.D.
SHAW, JAMES, M.D.
SHAW, J. E., M.B.
SMITH, R. SHINGLETON, M.D., M.R.C.P.
STURGE, W. ALLEN, M.D.
THOMSON, ALLEN, F.R.S.
WALLER, A., M.D.
WALTON, G. L., M.D.
WATTEVILLE, A. DE., M.A., M.D.

LIST OF ILLUSTRATIONS.

PAGE

Section of Pons in a case of Ophthalmoplegia Externa, in conjunction with Tabes Dorsalis 46

Brain of a Criminal Lunatic :—

Fig. 1. Left Hemisphere 65

Fig. 2. Base of Brain 67

Labio-Glosso-Pharyngeal Paralysis of Cerebral Origin :—

Fig. 1. Crura Cerebri 154

Fig. 2. Transverse section of the Pons about its middle . . 154

Fig. 3. Transverse section of anterior half of the Medulla Oblongata on a level with the middle of the Olivary Bodies . . . 155

Fig. 4. Transverse section of the Medulla Oblongata immediately below the Olivary Bodies 155

Fig. 5. (Charcot and Brissaud) Recent Softening of the Frontal Lobe, the Island of Reil, and middle third of the Lenticular Nucleus 162

Fig. 6. Diagram of Cerebro-spinal Relations 166

Tumour of the Brain 255

The Brain in a case of Melancholia 257

Spasmodic Paralyses of Infancy :—

Fig. 1. Portrait of Case II. 352

Fig. 2. Head of Case V. 360

Spasmodic Paralyses of Infancy (*continued*) :—

Fig. 1. Brain of Case VI. 478

Fig. 2. Lower Limbs of Case IX. 484

Localised Convulsion from Tumour of the Brain :—

Fig. 1. View of the Surface of Cerebrum, showing the limits of the Tumour 368

Fig. 2. Transverse vertical sections of left Hemisphere through the point marked *E* in Fig. 1 369